Amendments to and Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method ~~of performing distributed data mining and analysis~~ by steps comprising ~~the steps of~~:

arranging a plurality of first analyzer modules in a network, each first analyzer module concurrently communicating with a number of distinct ~~for collecting information relating to a number of different~~ network devices~~, each of said analyzer modules being~~ and operated in a parent-child relationship with ~~another of said analyzer modules~~ a second analyzer module, wherein each distinct network device is configured to interact with a predetermined data type;

~~sending information relating to said network devices from the corresponding child analyzer modules with which said network devices operate to at least one parent analyzer module;~~

~~aggregating said information received from at least one of said child analyzer modules at a first one of said parent analyzer modules; and~~

~~transmitting said aggregated information to a second one of said parent analyzer modules with which said first parent analyzer module is a child module~~

collecting attribute information associated with the predetermined data type corresponding to each associated distinct network device while said corresponding predetermined data type undergoes transfer by a server of the network to nodes on the network; and

transferring from each distinct network devices said collected attribute information to its corresponding first analyzer module.

2. (new) The method of claim 1, further comprising:

sending said collected attribute information from each first analyzer module to its corresponding second analyzer module;

aggregating said collected attribute information from each of the plurality of first analyzer modules at the second analyzer module in the parent-child relationship with each of the plurality of first analyzer modules; and

transmitting said aggregated attribute information to a third analyzer module with which the second analyzer module is a child module.

3. (new) The method of claim 2, in which the predetermined data type is real-time digital video.

4. (new) The method of claim 3, in which each of the number of distinct network devices is a media server plug-in.

5. (new) The method of claim 4, in which the first analyzer module comprises software for implementing a state machine, wherein the state machine stores and retrieves values for variables.

6. (new) The method of claim 5, in which the first analyzer module manages multiple tables, wherein each table comprises a plurality of records, and in which each record comprises a plurality of fields.

7. (new) The method of claim 6, in which each field of the plurality of fields of each record of the plurality of records comprises different and distinct fields, wherein each different and distinct field comprises multiple properties.

8. (new) The method of claim 6, in which each field of the plurality of fields of each record of the plurality of records comprises different and distinct fields, wherein each different and distinct field comprises multiple strings.

9. (new) The method of claim 7, further comprising the step of parsing fields and field values of a log line generated by the media server plug-in with a parser module.

10. (new) The method of claim 9, in which the parser module comprises a XML-based log definition file, wherein the log definition file defines which portion of the log line is used as an analyzer module field.

11. (new) The method of claim 10, in which the log definition file of the parser module further defines how to create the table and record of the first analyzer module.

12. (new) The method of claim 8, further comprising the step of parsing fields and field values of a log line generated by the media server plug-in with a parser module.

13. (new) The method of claim 12, in which the parser module comprises a XML-based log definition file, wherein the log definition file defines which portion of the log line is used as an analyzer module field.

14. (new) The method of claim 13, in which the log definition file of the parser module further defines how to create the table and record of the first analyzer module.

15. (new) A system comprising:

a media server plug-in programmed into a first server of a network;

a parser module programmed into the first server and communicating with the media server plug-in, wherein the parser module parses fields and field values of a log line generated by the media server plug-in; and

an analyzer module programmed into the first server and communicating with the parser module, wherein the analyzer module comprises software implementing a state machine that stores and retrieves the parsed field values.

16. (new) The system of claim 15, further comprising a second analyzer module programmed into a second server of the network, wherein the first analyzer module is a

child analyzer module of the second analyzer module, and the first server is a child server of the second module.

17. (new) The system of claim 16, in which the second analyzer module is a dynamic log analyzing and aggregating software tool configured to provide statistical information related to the log line generated by the media server plug-in.

18. (new) The system of claim 17, in which the media server plug-in is configured to interact with a predetermined data type supported by the network.

19. (new) The system of claim 18, in which the predetermined data type supported by the network is real-time digital video.

20. (new) A system comprising:

a media server plug-in programmed into a first server of a network, where the first server is in a parent-child relationship with a second server of the network;

a parser module programmed into the first server and communicating with the media server plug-in, wherein the parser module parses fields and field values of a log line generated by the media server plug-in;

an analyzer module programmed into the first server and communicating with the parser module, wherein the analyzer module comprises software implementing a state machine that stores and retrieves the parsed field values; and

a second analyzer module programmed into the second server of the network providing an analysis of attribute information associated with real-time digital video data while said real-time digital video data undergoes transfer by the first server of the network to nodes on the network by steps for performing distributed data mining and analysis of the real-time digital video data while said real-time digital video data undergoes transfer by the first server of the network to nodes on the network.